

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121620\
 Data File : VW017662.D
 Acq On : 16 Dec 2020 14:47
 Operator : SY/VA
 Sample : L5125-03
 Misc : 7.34G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 05:08:36 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

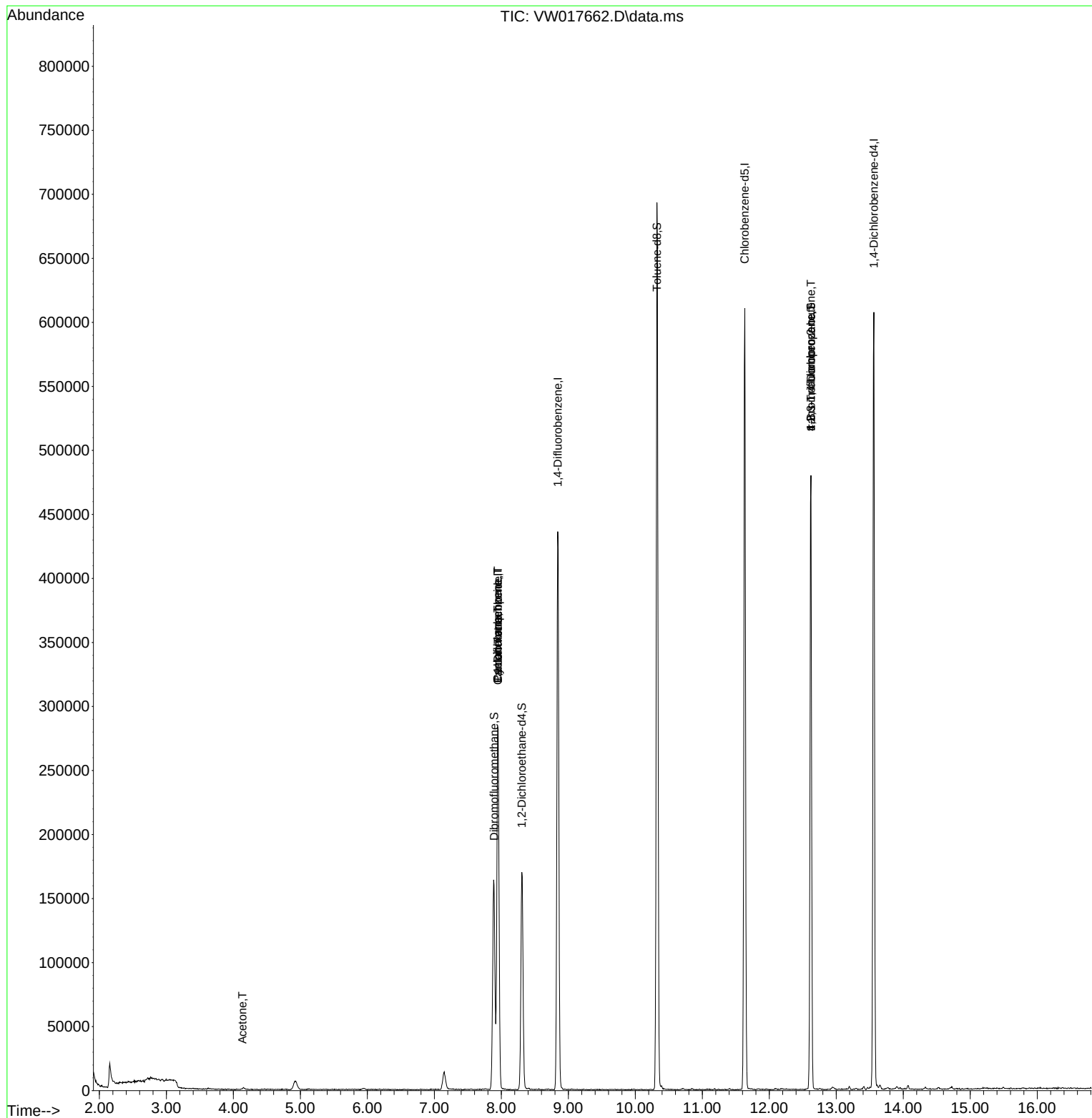
Internal Standards						
1) Pentafluorobenzene	7.945	168	200859	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	358961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	316345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	143891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	135004	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
35) Dibromofluoromethane	7.891	113	112658	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
50) Toluene-d8	10.323	98	441965	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.621	95	148276	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.190	59	52	Below Cal	#	82
16) Acetone	4.135	43	844	1.59	ug/l	# 64
20) Methylene Chloride	4.915	84	5524	Below Cal	#	87
26) 2,2-Dichloropropane	7.135	77	1256	Below Cal	#	50
31) Cyclohexane	7.945	56	5644	1.34	ug/l	# 46
36) 1,1-Dichloropropene	7.945	75	18767	4.99	ug/l	# 48
38) Carbon Tetrachloride	7.951	117	21867	5.79	ug/l	# 12
76) 1,2,3-Trichloropropane	12.621	75	85913	62.02	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.621	75	85913	125.67	ug/l	# 11

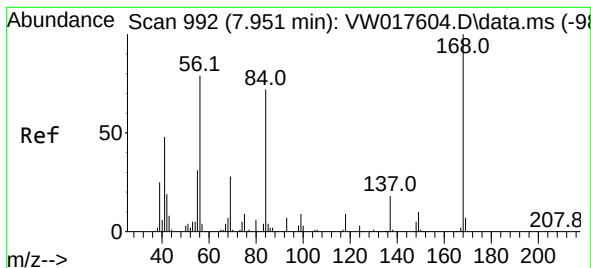
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 7.34G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :

Quant Time: Dec 17 05:08:36 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

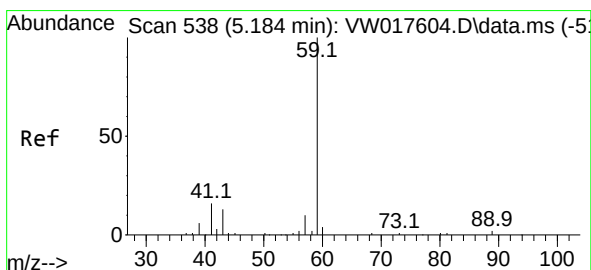
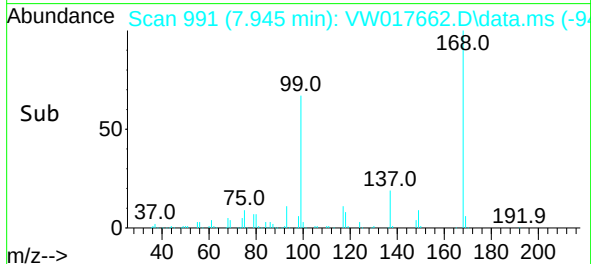
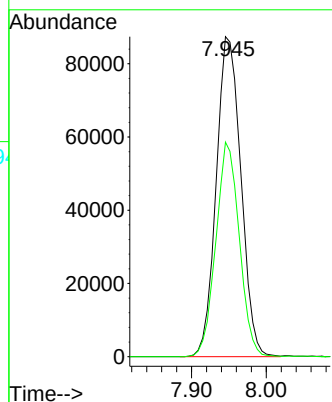
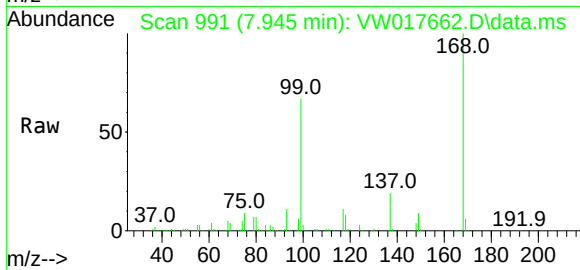




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

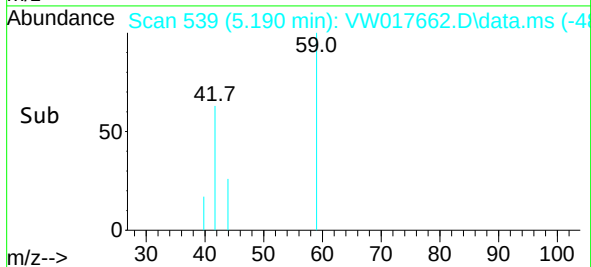
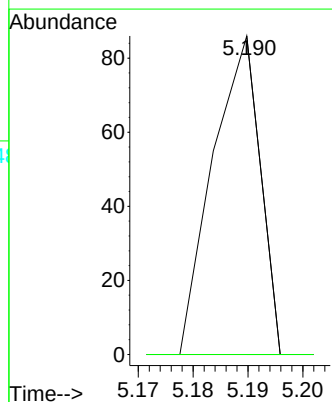
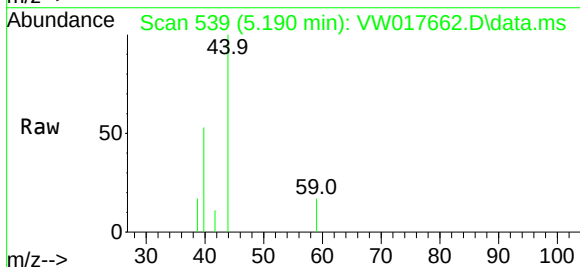
Instrument :
MSVOA_W
ClientSampleId :

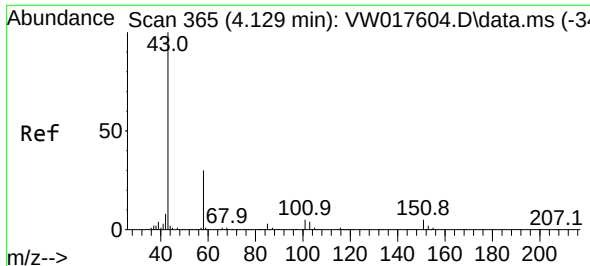
Tgt Ion:168 Resp: 200859
Ion Ratio Lower Upper
168 100
99 67.1 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

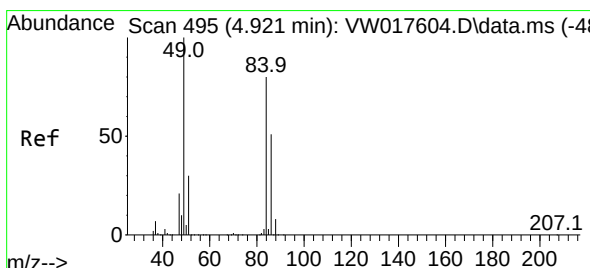
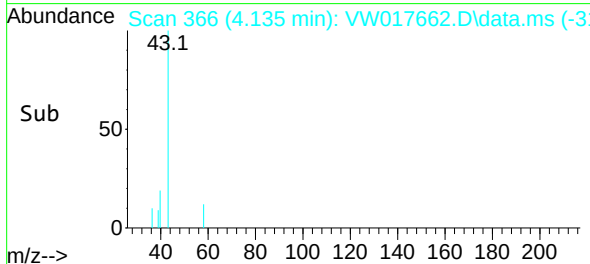
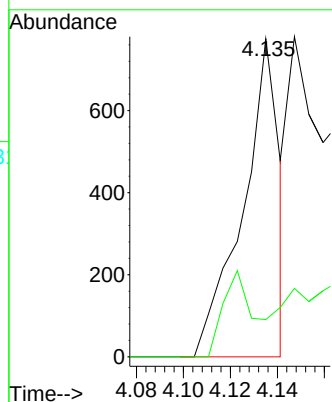
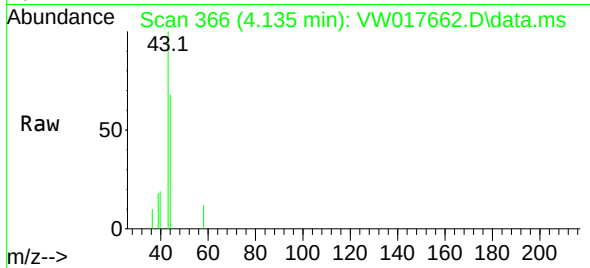




#16
Acetone
Concen: 1.59 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

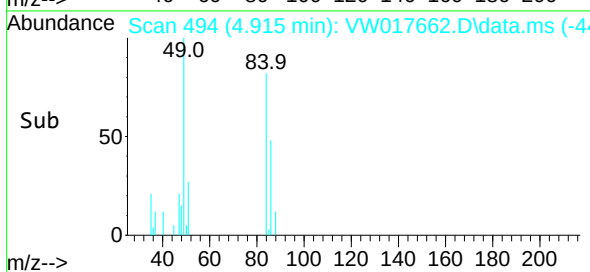
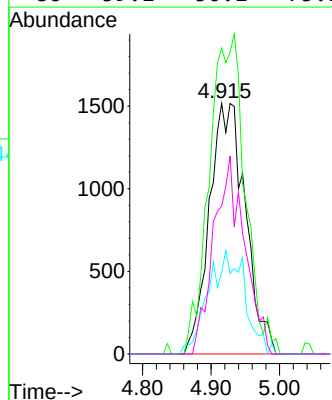
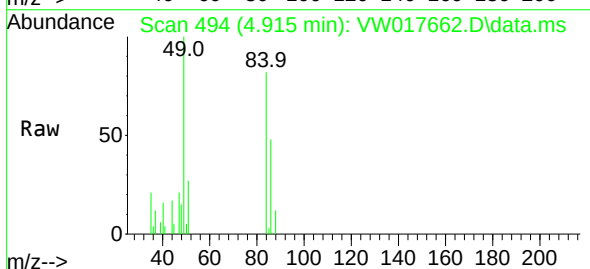
Instrument :
MSVOA_W
ClientSampled :

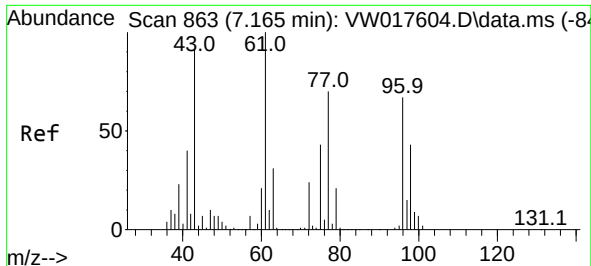
Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
58 11.7 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

Tgt Ion: 84 Resp: 5524
Ion Ratio Lower Upper
84 100
49 122.1 79.0 118.6#
51 32.6 26.1 39.1
86 59.1 50.1 75.1

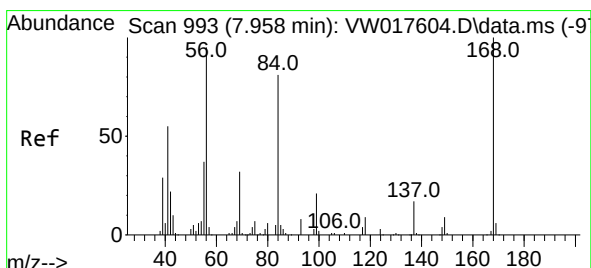
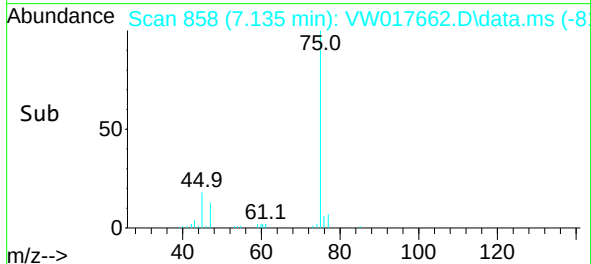
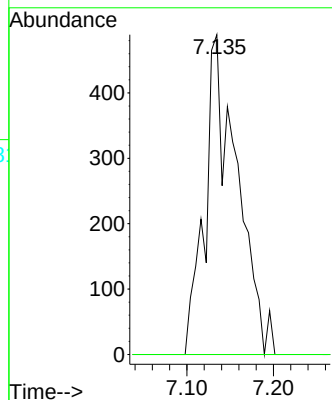
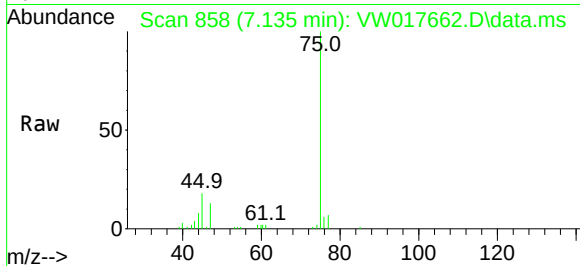




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

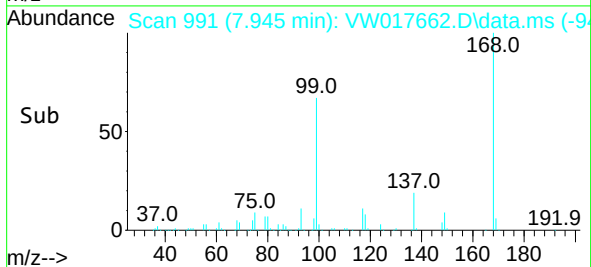
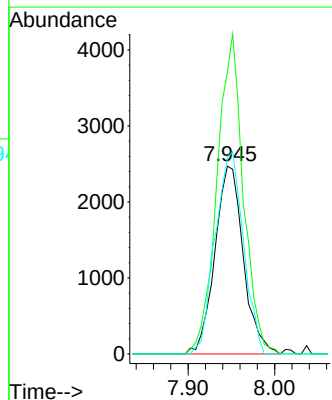
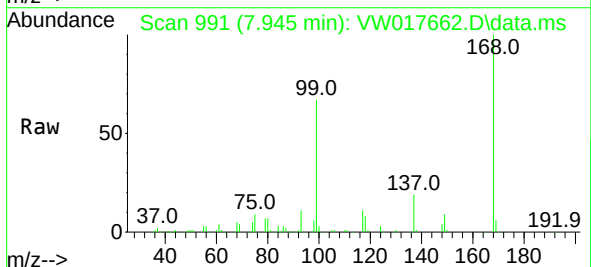
Instrument :
MSVOA_W
ClientSampled :

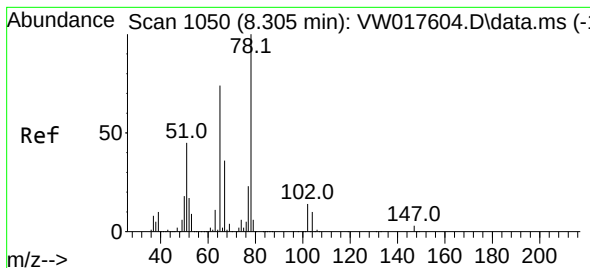
Tgt Ion: 77 Resp: 1256
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

Tgt Ion: 56 Resp: 5644
Ion Ratio Lower Upper
56 100
69 150.1 29.3 43.9#
84 104.3 80.5 120.7

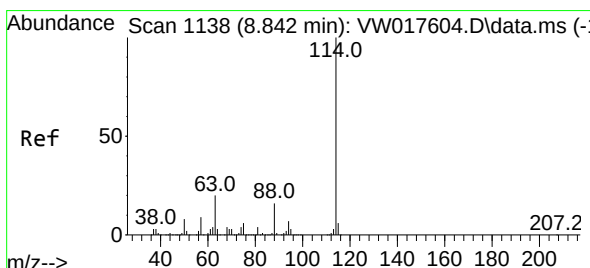
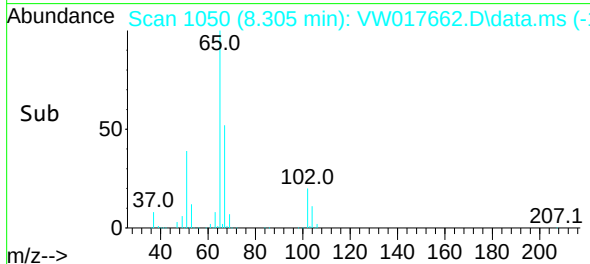
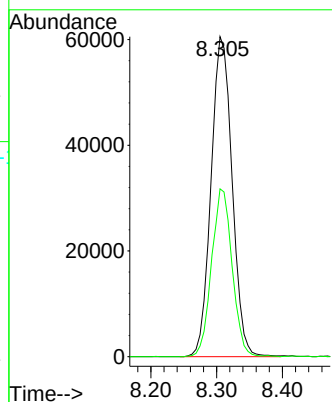
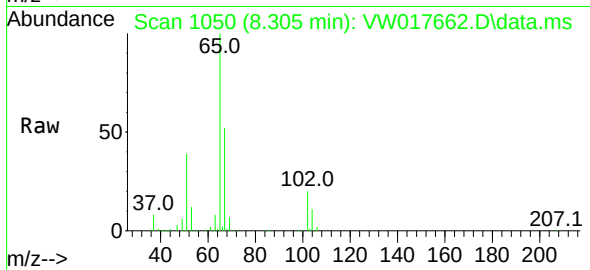




#33
 1,2-Dichloroethane-d4
 Concen: 55.18 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017662.D
 Acq: 16 Dec 2020 14:47

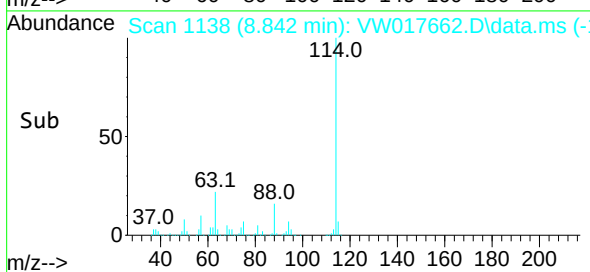
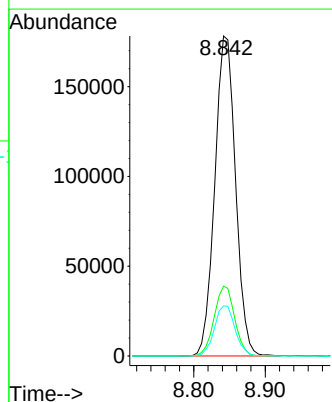
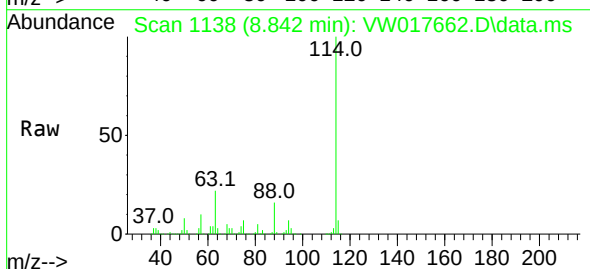
Instrument :
 MSVOA_W
 ClientSampleId :

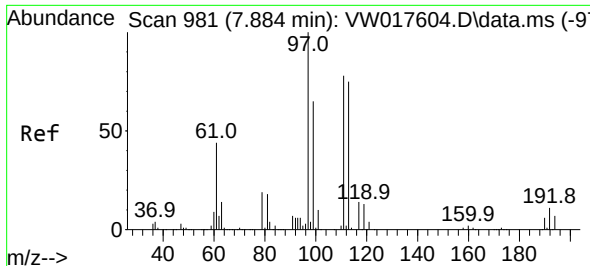
Tgt Ion: 65 Resp: 135004
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017662.D
 Acq: 16 Dec 2020 14:47

Tgt Ion: 114 Resp: 358961
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 35.6
 88 15.6 0.0 30.4

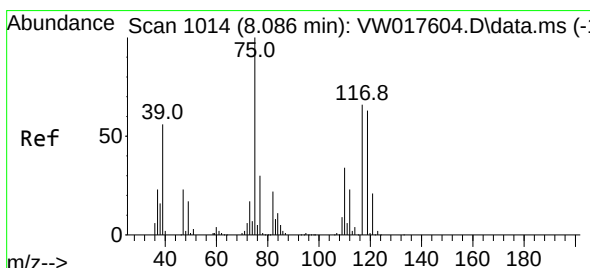
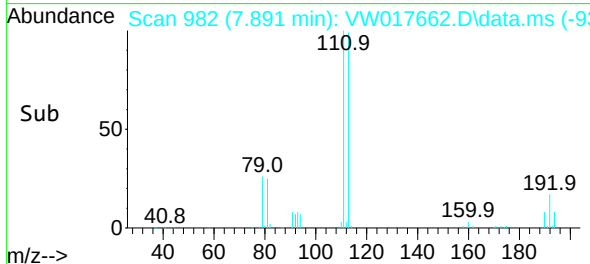
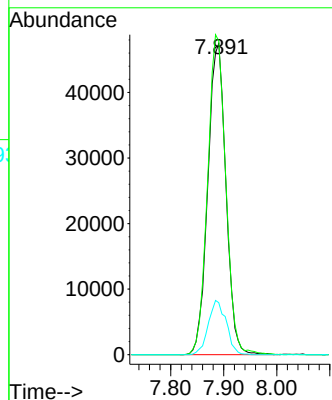
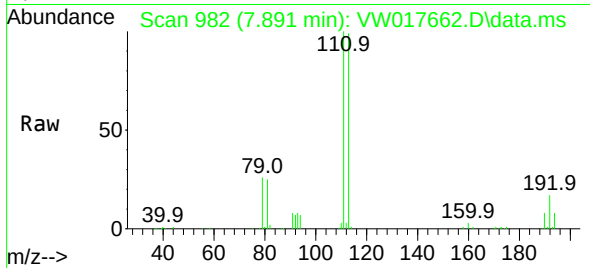




#35
Dibromofluoromethane
Concen: 47.43 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.007 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

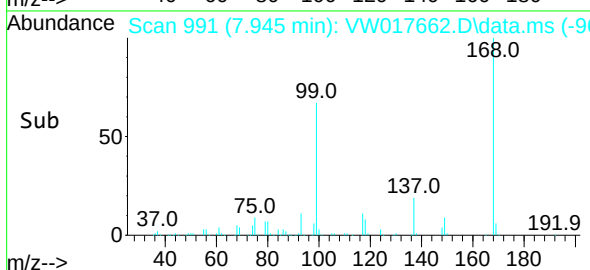
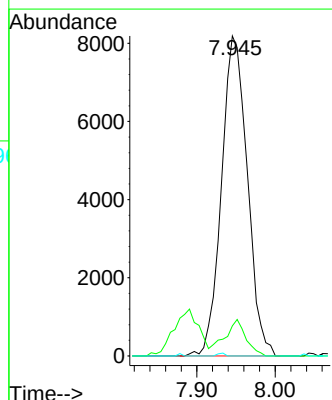
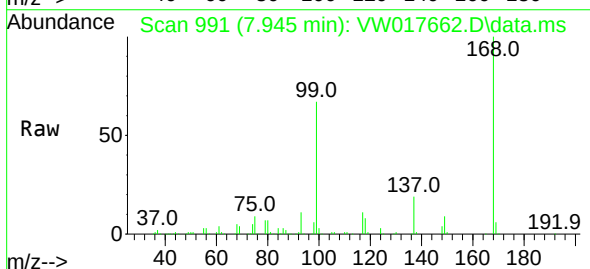
Instrument :
MSVOA_W
ClientSampleId :

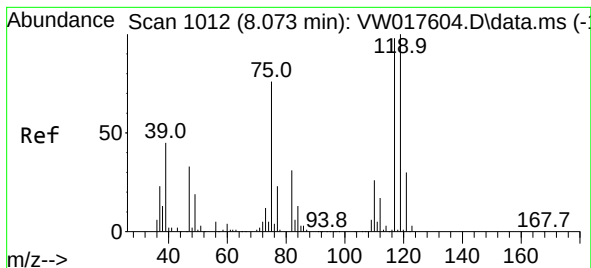
Tgt Ion:113 Resp: 112658
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 17.3 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 4.99 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

Tgt Ion: 75 Resp: 18767
Ion Ratio Lower Upper
75 100
110 9.5 19.3 57.9#
77 0.3 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.79 ug/l

RT: 7.951 min Scan# 992

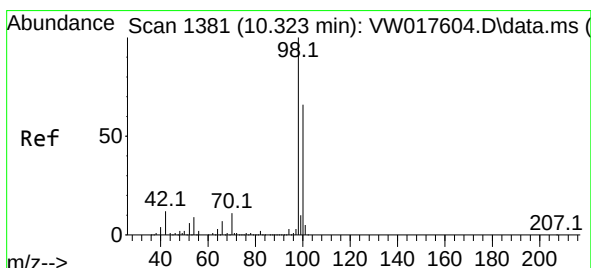
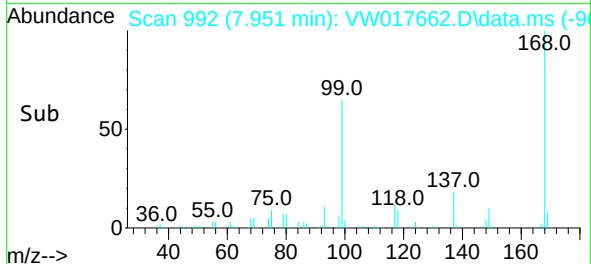
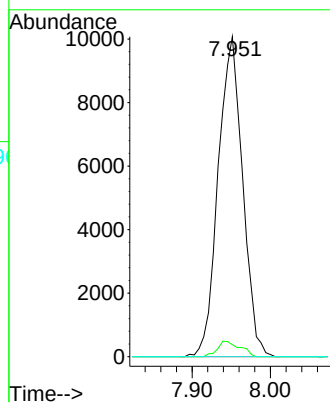
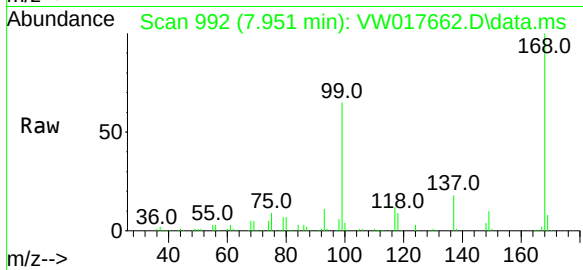
Delta R.T. -0.122 min

Lab File: VW017662.D

Acq: 16 Dec 2020 14:47

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117	Resp:	21867
Ion Ratio	Lower	Upper
117	100	
119	3.8	81.6 122.4#
121	0.0	25.7 38.5#



#50

Toluene-d8

Concen: 47.79 ug/l

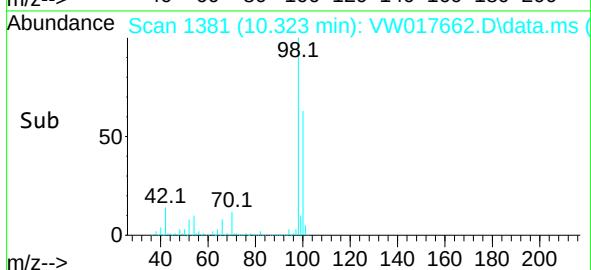
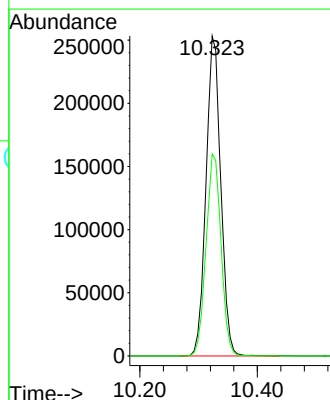
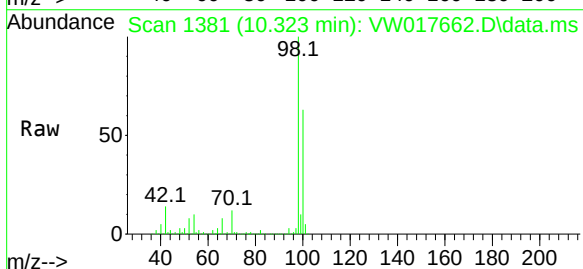
RT: 10.323 min Scan# 1381

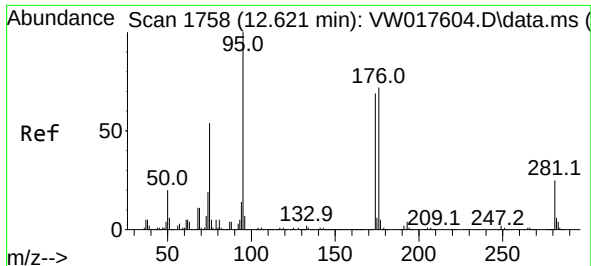
Delta R.T. 0.000 min

Lab File: VW017662.D

Acq: 16 Dec 2020 14:47

Tgt Ion: 98	Resp:	441965
Ion Ratio	Lower	Upper
98	100	
100	64.3	53.3 79.9

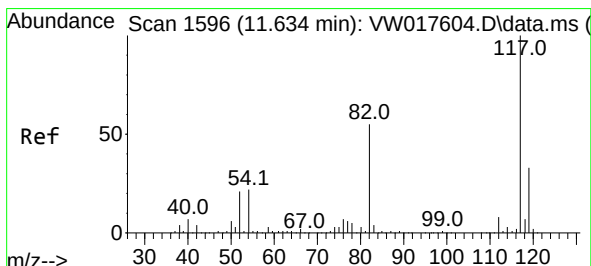
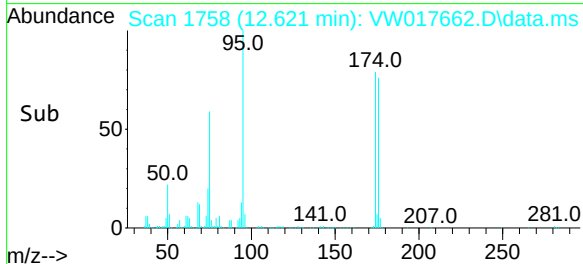
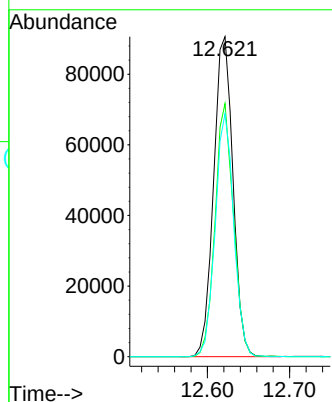
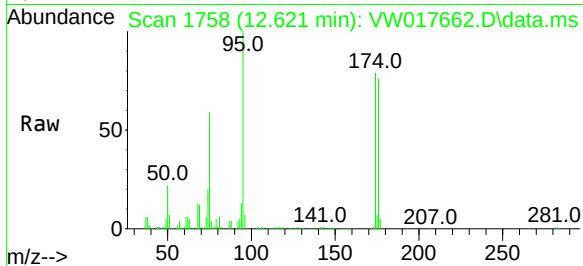




#62
4-Bromofluorobenzene
Concen: 44.90 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

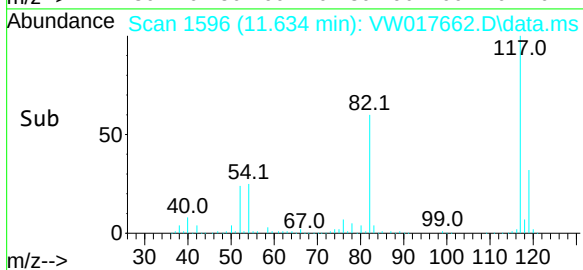
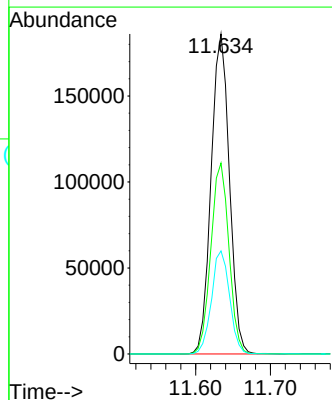
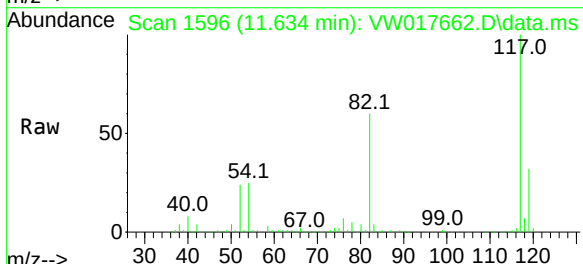
Instrument :
MSVOA_W
ClientSampleId :

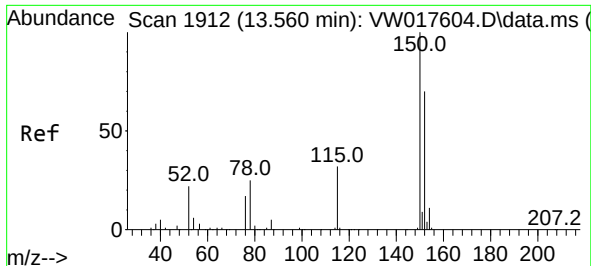
Tgt Ion: 95 Resp: 148276
Ion Ratio Lower Upper
95 100
174 75.4 0.0 180.6
176 72.8 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

Tgt Ion: 117 Resp: 316345
Ion Ratio Lower Upper
117 100
82 59.6 40.7 61.1
119 32.2 25.0 37.4

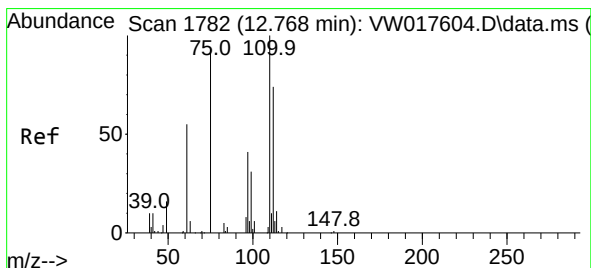
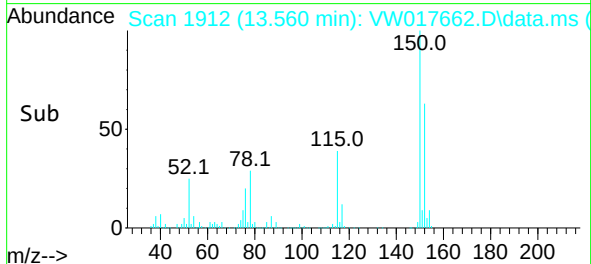
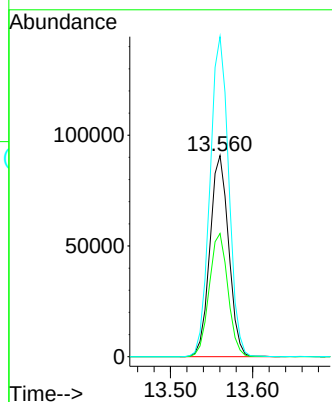
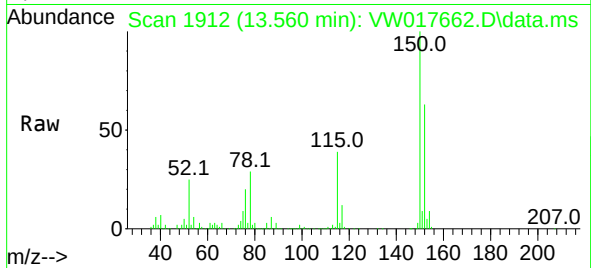




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

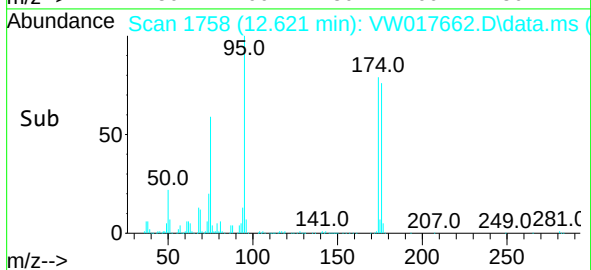
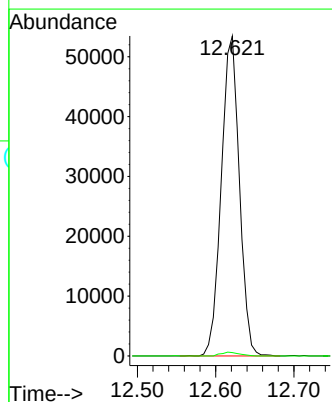
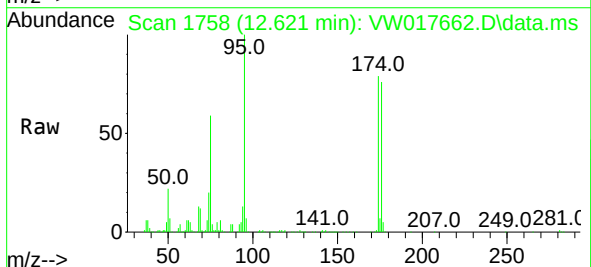
Instrument :
MSVOA_W
ClientSampled :

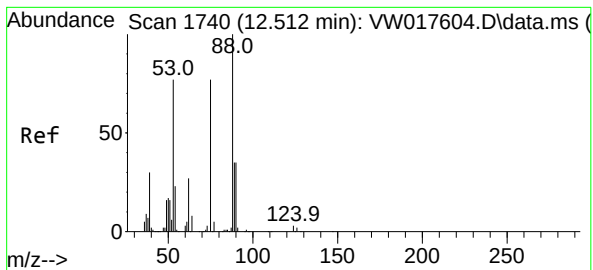
Tgt Ion:152 Resp: 143891
Ion Ratio Lower Upper
152 100
115 61.2 27.9 83.7
150 159.2 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 62.02 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017662.D
Acq: 16 Dec 2020 14:47

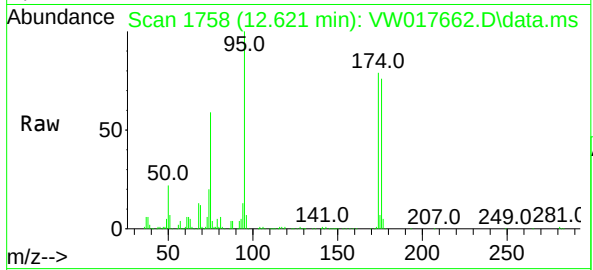
Tgt Ion: 75 Resp: 85913
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.67 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW017662.D
 Acq: 16 Dec 2020 14:47

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.0	115.4#
89	0.0	38.7	58.1#

